EFS-Web Receipt date: 08/03/2006

10505380 - GAU:山

Attorney's Docket No.: 18115-002US1 / SEN-A0123P-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicant: Minoru Yoshida et al.

Art Unit : 1654

Serial No.: 10/505,380

Examiner: Thomas Sweeney Heard

Filed

: June 17, 2005

Conf. No.: 5153

Title

: HISTONE DEACETYLASE INHIBITORS AND METHODS FOR PRODUCING

THE SAME

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

- 1. Supplemental Information Disclosure Statement (1 page);
- 2. Form PTO-1449 (2 pages);
- Copies of Cited References (20 references); and 3.
- 4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Teresa A. Lavoie, Ph.D.

Reg. No. 42,782

Fish & Richardson P.C. 60 South Sixth Street, Suite 3300 Minneapolis, MN 55402 (612) 335-5070 telephone (612) 288-9696 facsimile

60371042.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

Signature

Receipt date: 08/03/2006

10505380 - GAU: 1654

Attorney's Docket No.: 18115-002US1 / SEN-A0123P-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Minoru Yoshida et al.

Art Unit : 1654

Serial No. : 10/505,380

Examiner: Thomas Sweeney Heard

Filed

: June 17, 2005

Conf. No. : 5153

Title

HISTONE DEACETYLASE INHIBITORS AND METHODS FOR PRODUCING THE

SAME

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

Submitted herewith are English-language Abstracts for Desig. ID Nos. AD, AF, AI, AK, and AL.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted.

Reg. No. 42,782

Fish & Richardson P.C.

60 South Sixth Street, Suite 3300

Minneapolis, MN 55402 Telephone: (612) 335-5070 Facsimile: (612) 288-9696

60370684.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit Signature Lisa M. Becker

Typed or Printed Name of Person Signing Certificate

Sheet 1 of 2

2006			
Substitute Form PTO-1468 0 3 2006 U.S. Department of Modified)	emark Office 19115 000	1	
Information Discussive Statemen	Applicant Minoru Yo	oshida et al.	
(Use several sheets if necessary) (37 CFR §1.98(b))	Filing Date June 17, 2	Group Art Unit 1654	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,399,568	06/04/02	Nishino et al.			· ·
	AB	2003/0078369	04/24/03	Meinke et al.			
	AC	2002/0120099	08/29/02	Nishino et al.			

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	Translation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	AD	11-130795	05/18/99	JP			Abst.		
	AE	WO 00/21979	04/20/00	WIPO					
	AF	WO 00/52033	09/08/00	WIPO			Abst.		
	AG	WO 01/07042	02/01/01	WIPO					
	AH	WO 03/57722	07/17/03	WIPO					
	AI	WO 03/70754	08/28/03	WIPO			Abst.		
	AJ	1 174 438	01/23/02	EPO					
	AK	2003-505417	02/12/03	ЛР			Abst.		
	AL	2000-256397	09/19/00	JP			Abst.		

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	ID	Document			
	AM ·	De Schepper et al., "Inhibition of Histone Deacetylases by Chlamydocin Induces Apoptosis and			
		Proteasome-Mediated Degradation of Survivin," J. Pharmacol. Exp. Ther., 2003, 304(2):881-888			
	AN .	Finnin et al., "Structures of a histone deacetylase homologue bound to the TSA and SAHA inhibitors," Nature, 1999, 401:188-193			
	1	Furumai et al., "Potent histone deacetylase inhibitors built from trichostatin A and cyclic			
	AO.	tetrapeptide antibiotics including trapoxin," Proc. Natl. Acad. Sci. USA, 2001, 98(1):87-92			
	AP.	Furumai et al., "FK228 (Depsipeptide) as a Natural Prodrug That Inhibits Class I Histone			
	AF.	Deacetylases," Cancer Res., 2002, 62(17):4916-4921			
		Jose et al., "Toward an HDAC6 inhibitor: synthesis and conformational analysis of cyclic			
	AQ	hexapeptide hydroxamic acid designed from α-tubulin sequence," Bioorg. Med. Chem., 2004,			
		12:1351-1356			
	AR	Kim et al., "Oxamflatin is a novel antitumor compound that inhibits mammalian histone			
	AR	deacetylase," Oncogene, 1999, 18:2461-2470			
	AS	Komatsu et al., "Cyclic Hydroxamic-acid-containing Peptide 31, a Potent Synthetic Histone			
		Deacetylase Inhibitor with Antitumor Activity," Cancer Res., 2001, 61(11):4459-4466			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant.	

48-Web Receipt date: 08/03/2006

10505380 - GAU: 1654

Sheet <u>2</u> of <u>2</u>

Substitute 50 m PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. | Application No. | 18115-002US1 | 10/505,380 | Applicant

Information Disclosure Statement by Applicant

Minoru Yoshida et al.

June 17, 2005

Filing Date

(Use several sheets if necessary)

Group Art Unit

(37 CFR §1.98(b))

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	ID	Document			
		Mori et al., "FR235222, a Fungal Metabolite, is a Novel Immunosuppressant that Inhibits			
	ΑT	Mammalian Histone Deacetylase (HDAC). I. Taxonomy, Fermentation, Isolation and Biological			
		Activities," <u>J. Antibiot.</u> , 2003, 56(2):72-79			
	477	Nishino et al., "Synthesis and histone deacetylase inhibitory activity of cyclic tetrapeptides			
	AU	containing a retrohydroxamate as zinc ligand," Bioorg. Med. Chem. Lett., 2004, 14:2427-2431			
		Saito et al., "A synthetic inhibitor of histone deacetylase, MS-27-275, with marked in vivo			
	AV.	Antitumor activity against human tumors," Proc. Natl. Acad. Sci. USA, 1999, 96(8):4592-4597			
	4 337	Yoshida et al., "Potent and Specific Inhibition of Mammalian Histone Deacetylase Both in Vivo and			
	AW	in Vitro by Trichostatin A," J. Biol. Chem., 1990, 265(28):17174-17179			

Examiner Signature /Thomas Heard/ Date Considered 02/26/2008

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.